ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Sarah Lewallen	**03/22/02**	**02-0246**	—	301-925-0865	2117B	SED

8. CCR Title: Add additional RAID on e0acg11,e0drg11, and e0icg11.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 4/30/02
Sarah Lewallen /s/ 3/22/02	**II**	**CCR**	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Jim Mather /s/ 3/22/02	Update ECS Baseline Doc.	Routine

16. Documentation/Drawings Impacted:	17. Schedule Impact: none	18. CI(s) Affected:DRPHW,ACMHW, ICLHW

19. Release Affected by this Change: 6A, 6B	20. Date due to Customer: 4/30/02	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐ NCR (attach)   ☐ Action Item   ☐ Tech Ref.   ☐ GSFC   ☒ Other:
E-MAIL FROM WAYNE HANSON (SEE NEXT SHEET)

23. Problem: (use additional Sheets if necessary)
Would like to redistribute the RAID purchsed on SWGD to other systems that would better meet the needs of the DAAC.

24. Proposed Solution: (use additional sheets if necessary)
Remove 4 FC HBA from e0drg12.
Install 2 FC HBA in e0acg11 and connect 2 SPs with 40x36GB of RAID. Configure 20x36 for browse and 20x36 for ftp_pull.
Install 2 FC HBA in e0drg11 and connect 2 SPs with 20x36 for amasscache
Install one SCSI HBA in e0icg11 and attach 20x9 SCSI RAID for increase in the buffer area to support cross daac data transfer.

25. Alternate Solution: (use additional sheets if necessary)
None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Additional space will not be available where needed.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☒EDC   ☐ GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC   ☐ IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): **Gary Gavigan /s/ 3/26/02**	Disposition: <mark>Approved</mark> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 02-0246 Rev: — **Originator:** Sarah Lewallen

Telephone: 301-925-0865 **Office:** 2117B

Title of Change: Add additional RAID on e0acg11,e0drg11, and e0icg11.

Clip from e-mail request from Wayne Hanson:

As a follow up to our telephone conversation on Friday, here is the EDC
view on the best use of SGI fiber channel RAID purchased under SWGD.

1.44 TB attached to drg12 to bring the AMASS cache area up to 2TB.

540 GB attached to drg12 to increase the L0 buffer.

540 GB attached to acg11 to allow all of the browse images to exist on
spinning media.

720 GB attached to acg11 to increase the size of the ftp pull area. This
will lengthen the time distribution products are available to the customer
for pick-up to 6-7 days at the present rate of distribution.

180 GB attached to icg11 to support the new cross DAAC data transfer.

540 GB attached to drg11 to decrease the number of tape accesses and to
speed up file retrieval for Landsat 7 distribution. This would also allow
us to designate more resources to the test mode to allow better testing in
those modes.

Wayne